

Converting Colors

$Y_{xy}(40.3524, 0.3371, 0.2676)$

Have a look what the booklet for
Yxy(40.3524, 0.3371, 0.2676)
contains.

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Color

Yxy(40.2575, 0.3370, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	DE92C8
RGB	222, 146, 200
RGB Percent	87%, 57%, 78%
CMY	0.1294, 0.4274, 0.2156
CMYK	0.00, 0.34, 0.10, 0.13
HSL	317°, 54%, 72%
HSV	317°, 34%, 87%
XYZ	50.8309, 40.2575, 59.7452
YIQ	174.8800, 27.9620, 32.9060

Conversions

Conversions Part 2

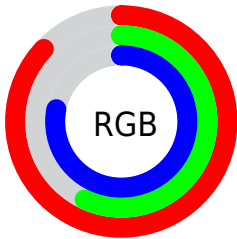
Format	Color
R _Y B	222, 146, 200
Decimal	14586568
CIE Lab	69.65, 36.66, -16.06
CIE LCh	70, 40.022, 336.343
Yxy	40.2575, 0.3370, 0.2669
Android (android.graphics.Color)	4292776648 (0xFFDE92C8)
YUV	174.8800, 12.3842, 41.3242
Hunter-Lab	63.4488, 31.9669, -11.4150

Details

The Yxy color $40.2575, 0.3370, 0.2669$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $61.1831, 0.2950, 0.4007$, and the grayscale version is $42.7298, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.2533, 0.3152, 0.2762$, and $18.1877, 0.3437, 0.2509$ is the 20% darker color. If you saturate the color by 10%, you get $33.7725, 0.3466, 0.2490$, and if you desaturate by 10%, it is $48.0877, 0.3286, 0.2854$.

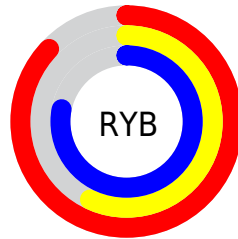
Distribution



Red (87%)

Green (57%)

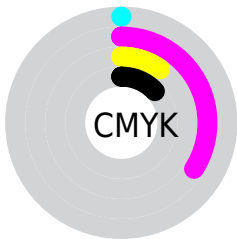
Blue (78%)



Red (87%)

Yellow (57%)

Blue (78%)

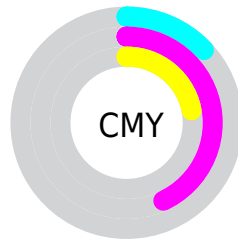


Cyan (0%)

Magenta (34%)

Yellow (10%)

Black (13%)



Cyan (13%)


Magenta (43%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.2575, 0.3370, 0.2669 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 40.2575, 0.3370, 0.2669 by changing the saturation by 10% instead.


 40.2575, 0.3370,
0.2669


 40.2575, 0.3370,
0.2669


347.2077, 0.3253,
0.2970

 27.7394, 0.3398,
0.2597


 75.5555, 0.3329,
0.2776

 18.1293, 0.3432,
0.2506


 99.1041, 0.3313,
0.2817

 11.0428, 0.3477,
0.2388


127.0983, 0.3299,
0.2852

 6.0957, 0.3536,
0.2229

159.9226, 0.3288,
0.2882

 2.9033, 0.3619,
0.2004

197.9613, 0.3277,
0.2908

 1.0815, 0.3739,
0.1666

241.5988, 0.3268,

 0.0000, 0.4416,

0.2932

0.0000

291.2194, 0.3261,
0.2952

0.0000, 0.0000,
0.0000

40.2575, 0.3370,
0.2669

40.2575, 0.3370,
0.2669

33.7725, 0.3466,
0.2490

48.0877, 0.3286,
0.2854

28.5499, 0.3572,
0.2327

57.3287, 0.3213,
0.3038

24.5061, 0.3687,
0.2190


68.0485, 0.3151,
0.3217


21.5451, 0.3808,
0.2089


80.3091, 0.3098,
0.3387


19.5560, 0.3931,
0.2034

92.8840, 0.3054,
0.3525

 18.4034, 0.4051,
0.2029

 93.2560, 0.3018,
0.3458

 17.9915, 0.4119,
0.2043

 93.6415, 0.2983,
0.3392

 94.0405, 0.2948,
0.3326

 94.2704, 0.2929,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.2575, 0.2784, 0.2430



40.2575, 0.3370, 0.2669



40.2575, 0.3932, 0.3043

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.2575, 0.3370, 0.2669



40.2575, 0.3915, 0.4271



40.2575, 0.2110, 0.2920

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.2575, 0.3370, 0.2669



61.1831, 0.2950, 0.4007

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.2575, 0.2357, 0.3491



40.2575, 0.3370, 0.2669



40.2575, 0.3388, 0.4350

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.2575, 0.3370, 0.2669



40.2575, 0.4248, 0.3933



40.2575, 0.2817, 0.4056



40.2575, 0.2106, 0.2532

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.2575, 0.3370, 0.2669



40.2575, 0.4189, 0.3337



40.2575, 0.2817, 0.4056



40.2575, 0.2165, 0.3096

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.2593, 0.3370, 0.2669



84.3297, 0.3186, 0.3114



34.1061, 0.2684, 0.2316



17.6150, 0.3195, 0.3088



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.2593, 0.3370, 0.2669



48.6394, 0.3437, 0.2541



38.7137, 0.3755, 0.3095



13.8645, 0.3182, 0.3125



10.7062, 0.4102, 0.2033



0.7574, 0.3932, 0.1940

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.2593, 0.3370, 0.2669



48.6394, 0.3437, 0.2541



62.7902, 0.2733, 0.3498



13.8645, 0.3182, 0.3125



10.7062, 0.4102, 0.2033



0.7574, 0.3932, 0.1940

Previews

White Background



This preview shows how the Yxy color 40.2575, 0.3370, 0.2669 looks on a white background.

Color Contrast Check

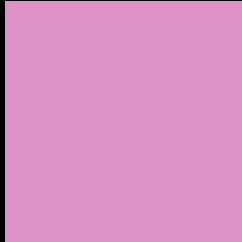
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 40.2575, 0.3370, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

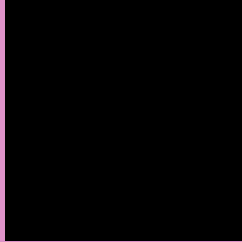
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.2575, 0.3370, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 40.2575, 0.3370, 0.2669.



This preview shows how white text looks on a background with the Yxy color 40.2575, 0.3370, 0.2669.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.2575, 0.3370, 0.2669

Protanopia

40.7047, 0.2685, 0.2673

Deuteranopia

40.3719, 0.2959, 0.2894



Tritanopia

40.3682, 0.3678, 0.3158

Trichromacy



Original Color

40.2575, 0.3370, 0.2669

Protanomaly

40.0880, 0.2908, 0.2670

Deuteranomaly

40.0340, 0.3103, 0.2810

Tritanomaly

40.0471, 0.3562, 0.2969

Monochromacy



Original Color

40.2575, 0.3370, 0.2669

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.2181, 0.3213, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2575, 0.3370, 0.2669 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 146, 200)` looks like.

```
.text, #text, p{  
    color:rgb(222, 146, 200)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 146, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 146, 200) }
```

Border

The CSS property to change the border of an element to Yxy 40.2575, 0.3370, 0.2669 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 146, 200) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 146, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 146, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 146, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 146, 200); box-shadow:4px 4px 4px 4px rgb(222, 146, 200) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2575, 0.3370, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 146, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
146, 200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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